Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Wednesday 05 Jan 2022 until 23:59 on Thursday 06 Jan 2022

Forecast Issued on Wednesday 05 Jan 2022 at 01:43

Confidence: High for a cold start to the period. Lower for detail on Thursday with detail of temporary milder conditions spreading across from west.

Headline for Wednesday 05 Jan 2022: Wintry showers dying out very early in the morning. Cold and windy.

Mountain weather hazards on Wednesday 05 Jan 2022

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** High Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Sunny	Sunny	Clear night	Clear night	Clear night
Precipitation probability					
40%	20%	40%	<05%	00%	00%

Forecast for Wednesday 05 Jan 2022

Weather: A cold and windy start to Wednesday with a few wintry showers to start the day affecting more southwestern parts of the Park. These showers, wintry at most levels, starting to die out before dawn with a dry and increasingly sunny day developing on Wednesday. Early showers may give mostly slight snow accumulations above 300m. Winds slowly decreasing through the day.

Chance of cloud free mountain/hill tops above 600m: 60% to start the day with scattered to broken bases mainly around 600m but lowering to scattered 400m in and near showers. Chance becoming 90% by afternoon with little change into the evening period.

Visibility: Good or very good, but rapidly reducing to poor or very poor in snow showers.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Wednesday 05 Jan 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	22/29 NW	15/22 W	12/16 W	11/15 NW	10/19 NW	8/15 N	4/5 S
300	17/24 NW	12/20 W	10/14 NW	9/15 NW	7/14 NW	5/8 W	3/4 S
Valley	10/24 NW	8/22 NW	7/15 NW	7/15 NW	5/14 N	4/9 N	3/4 SE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-1/-8	-2/-8	-1/-7	-1/-6	-2/-7	-2/-6	-2/-4
300	2/-4	1/-4	2/-3	2/-2	0/-3	-0/-3	-1/-3
Valley	2/-2	1/-3	2/-1	2/-1	-0/-3	-1/-3	-3/-5
Freezing Level*	400m	200m	300m	300m	100m	00m	00m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Significant wind-chill at most levels and wind gusts greatest in and near showers. Paths likely to be snow covered with ice. Rapid reductions and improvements in visibility in and near any showers.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Wed 05 Jan 2022	N/A	N/A	N/A

Forecast for Thursday 06 Jan 2022

Weather: A dry start with long clear spells before thickening cloud brings wet weather with snow above 300m later in the morning. Gale strength southerly winds for a time across summits where blizzards possible for a time. Clearing to squally snow showers around dusk. Freezing level rising close to summits during daylight hours, then lowering to 400m during the evening.

Maximum wind: Southerly with gusts reaching around 50mph in early afternoon.

Chance of cloud free mountain/hill tops above 600m: 80% in early hours and after dusk, otherwise less than 10% by late morning.

Visibility: Good or very good, becoming poor or very poor in rain, snow and evening showers.

Temperature: **Valleys:** Minus 5 degrees Celsius, becoming Plus 5 degrees Celsius in afternoon.
At 600m: Minus 3 degrees Celsius, becoming Plus 1 degrees Celsius in afternoon.
Freezing level: 400m rising to 700m for a time in the afternoon.

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